## TENT COOPERATION TREAM

# From the INTERNATIONAL BUREAU PCT **NOTIFICATION OF ELECTION Assistant Commissioner for Patents** United States Patent and Trademark (PCT Rule 61.2) Office **Box PCT** Washington, D.C.20231 **ETATS-UNIS D'AMERIQUE** Date of mailing (day/month/year) in its capacity as elected Office 08 August 2000 (08.08.00) International application No. Applicant's or agent's file reference PCT/CA99/01194 1038-998 MIS International filing date (day/month/year) Priority date (day/month/year) 16 December 1999 (16.12.99) 17 December 1998 (17.12.98) **Applicant** CATES, George, A. et al 1. The designated Office is hereby notified of its election made: | X | in the demand filed with the International Preliminary Examining Authority on: 10 July 2000 (10.07.00)

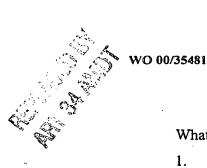
in a notice e	ffecting later election filed with the International Bu :	ireau on:			
The election	<b>↑</b> was		•		
	was not		•		
made before the e Rule 32.2(b).	xpiration of 19 months from the priority date or, wh	nere Rule 32 app	olies, withir	n the time lim	nit under
	xpiration of 19 months from the priority date or, wh	nere Rule 32 app	olies, withir	the time lin	nit under
	xpiration of 19 months from the priority date or, wh	nere Rule 32 app	olies, withir	the time lin	it under

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

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## **CLAIMS**

What we claim is:

- 1. A multivalent immunogenic composition for conferring protection in a host against disease caused by infection by respiratory syncytial virus (RSV) and influenza virus, which comprises:
  - (a) an immunoeffective amount of a mixture of purified fusion (F) protein, attachment (G) protein and matrix (M) protein of RSV, and
  - (b) an immunoeffective amount of a non-virulent influenza virus preparation.
- 2. The immunogenic composition of claim 1 formulated as a vaccine for in vivo administration to the host wherein the individual components (a) and (b) of the composition are formulated such that the immunogenicity of the individual components (a) and (b) is not impaired.
- 3. The immunogenic composition of claim 2 further comprising an adjuvant.
- 4. The immunogenic composition of claim 3 wherein said adjuvant imparts an enhanced immune response to RSV when compared to the mixture (a) formulated with the adjuvant in the absence of the non-virulent influenza virus preparation.
- 5. The immunogenic composition of claim 3 wherein the adjuvant is poly-di(carboxylatophenoxy)-phosphazene (PCPP).
- 6. The immunogenic composition of claim 1 wherein said mixture (a) is present in an amount of about 10 to about 200  $\mu$ g and (b) is present in an amount of about 1 to about 100  $\mu$ g, in a single dose.
- 7. The immunogenic composition of claim 1 wherein said fusion (F) protein comprises multimeric fusion (F) proteins.
- 8. The immunogenic composition of claim 7 wherein, when analyzed under non-reducing conditions, said multimeric fusion (F) protein includes heterodimers of molecular weight approximately 70 kDa and dimeric and trimeric forms.
- 9. The immunogenic composition of claim 1 wherein, when analyzed under non-reducing conditions, said attachment (G) protein comprises G protein of

WO 00/35481 PCT/CA99/01194

molecular weight approximately 95 kDa and G protein of molecular weight approximately 55 kDa and oligomeric G protein.

- 10. The immunogenic composition of claim 1 wherein, when analyzed by SDS-PAGE under non-reducing conditions, said matrix (M) protein comprises M protein of molecular weight approximately 28 to 34 kDa.
- 11. The immunogenic composition of claim 1 wherein, when analyzed by reduced SDS-PAGE analysis, said fusion (F) protein comprises an F<sub>1</sub> subunit of molecular weight approximately 48 kDa and an F<sub>2</sub> subunit of molecular weight approximately 23 kDa, said attachment (G) protein comprises a G protein of molecular weight approximately 95 kDa and a G protein of molecular weight approximately 55 kDa, and said matrix (M) protein comprises an M protein of approximately 31 kDa.
- 12. The immunogenic composition of claim 1 wherein said F, G and M proteins are present in mixture (a) in the relative proportions of:
  - F from about 35 to about 70 wt%
  - G from about 5 to about 30 wt%
  - M from about 10 to about 50 wt%
- 13. The immunogenic composition of claim 12 wherein, when analyzed by SDS-PAGE under reducing conditions and silver stained, the ratio of F<sub>1</sub> subunit of molecular weight approximately 48 kDa to F<sub>2</sub> subunit of molecular weight approximately 23 kDa is between 1:1 to about 2:1 as determined by scanning densitometry.
- 14. The immunogenic composition of claim 13 wherein said mixture is at least about 75% pure.
- 15. The immunogenic composition of claim 1 wherein said RSV proteins in said mixture are from one or both of subtypes RSV A and RSV B.
- 16. The immunogenic composition of claim 1 wherein said non-virulent influenza virus preparation comprises a plurality of different non-virulent influenza virus strains.
- 17. The immunogenic composition of claim 16 wherein said non-virulent influenza virus preparation is an inactivated influenza virus preparation.

- 18. The immunogenic composition of claim 16 wherein said non-virulent influenza virus preparation comprises an attenuated influenza virus.
- 19. The immunogenic composition of claim 1 wherein said non-virulent influenza virus preparation comprises at least one influenza antigen.
- 20. The immunogenic composition of claim 1 when used as a vaccine.
- 21. A method of immunizing a human host against disease caused by infection by respiratory syncytial virus (RSV) and by influenza virus, which comprises administering to the host an immunoeffective amount of the immunogenic composition of claim 1.
- 22. The method of claim 21 wherein said immunogenic composition is formulated as a vaccine for *in vivo* administration to the host wherein the individual components (a) and (b) of the composition are formulated such that the immunogenicity of the individual components (a) and (b) is not impaired.
- 23. The method of claim 22 wherein said host is a human host of at least 18 years of age.



(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1038-998 MIS		of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)				
PCT/CA 99/01194 16/12/1999 17/12/1998						
Applicant	Applicant					
CONNAUGHT LABORATORIES LI	MITED et al.					
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	nority and is transmitted to the applicant				
This International Search Report consists  It is also accompanied by	of a total of3 sheets. a copy of each prior art document cited in this	report.				
Basis of the report      With record to the language, the	international search was carried out on the bas	is of the international application in the				
language in which it was filed, unl	less otherwise indicated under this item.	sis of the international application in the				
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	he international application furnished to this				
b. With regard to any nucleotide an was carried out on the basis of the		ternational application, the international search				
	rnational application in computer readable form	n.				
furnished subsequently to	this Authority in written form.					
furnished subsequently to	this Authority in computer readble form.	•				
	osequently furnished written sequence listing des s filed has been furnished.	oes not go beyond the disclosure in the				
		s identical to the written sequence listing has been				
2. X Certain claims were fou	nd unsearchable (See Box I).					
3. Unity of invention is lac	king (see Box II).					
4. With regard to the title,		·				
the text is approved as su	bmitted by the applicant.					
the text has been establis	hed by this Authority to read as follows:					
. 5. With regard to the abstract,						
5. With regard to the abstract,  the text is approved as su	bmitted by the apolicant					
the text has been establis	hed, according to Rule 38.2(b), by this Authorited the factor of mailing of this international search rep					
6. The figure of the <b>drawings</b> to be publ	·					
as suggested by the appli	•	X None of the figures.				
because the applicant fail	ed to suggest a figure.					
because this figure better	characterizes the invention.					



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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

# (PCT Article 36 and Rule 70)

Applicant's or agent's file reference 1038-998 MIS	FOR FURTHER ACTION		ation of Transmittal of International  Examination Report (Form PCT/IPEA/416)		
International application No.	International filing date (day/month)	'year)	Priority date (day/month/year)		
PCT/CA99/01194 16/12/1999 17/12/1998					
International Patent Classification (IPC) or nat A61K39/295	ional classification and IPC				
Applicant  CONNAUGHT LABORATORIES LIM	IITED et al.				
This international preliminary examinand is transmitted to the applicant acts.  This REPORT consists of a total of	ccording to Article 36.		rnational Preliminary Examining Authority		
∑ This report is also accompanied been amended and are the basi	I by ANNEXES, i.e. sheets of the is for this report and/or sheets confident the Administrative Instruction	e description ontaining re	n, claims and/or drawings which have ctifications made before this Authority e PCT).		
This report contains indications relat	ing to the following items:				
I ⊠ Basis of the report					
II 🗆 Priority					
	pinion with regard to novelty, inve	entive step	and industrial applicability		
IV Lack of unity of invention					
V ⊠ Reasoned statement un citations and explanation	der Article 35(2) with regard to n ns suporting such statement	ovelty, inve	entive step or industrial applicability;		
VI 🗆 Certain documents cited	d				
VII 🛛 Certain defects in the int	ternational application		·		
VIII ⊠ Certain observations on	the international application				
Date of submission of the demand	Date of c	ompletion of	this report		

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European Patent Office D-80298 Munich

Herrero, M

Authorized officer

06.03.2001

Telephone No. +49 89 2399 8542

Name and mailing address of the international

preliminary examining authority:

10/07/2000





## I. Basis of the report

1.	This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).):  Description, pages:						
	1-2	3	as originally filed			, ·	
	Cla	ims, No.:					
	1-2	1	as received on	05/01/2001	with letter of	27/12/2000	
	Dra	awings, sheets:					
	1/5	-5/5	as originally filed				
2.	Witi lanç	h regard to the <b>lang</b> guage in which the i	uage, all the elements marked nternational application was file	above were a ed, unless othe	vailable or furnished erwise indicated und	I to this Authority in the er this item.	
	The	ese elements were a	available or furnished to this Au	thority in the fo	ollowing language:	, which is:	
		the language of a	translation furnished for the pur	poses of the in	nternational search (	(under Rule 23.1(b)).	
		the language of pu	blication of the international ap	plication (unde	er Rule 48.3(b)).		
		the language of a 55.2 and/or 55.3).	translation furnished for the pur	poses of inter	national preliminary	examination (under Rule	
3.	Witl inte	h regard to any <b>nuc</b> rnational preliminar	leotide and/or amino acid sec y examination was carried out o	<b>quence</b> discloson the basis of	sed in the internation the sequence listing	nal application, the g:	
		contained in the in	ternational application in writter	form.			
		filed together with	the international application in o	computer read	able form.		
		furnished subsequ	ently to this Authority in written	form.			
		furnished subsequ	ently to this Authority in compu	ter readable fo	rm.		
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that listing has been ful	the information recorded in co nished.	mputer readab	ole form is identical t	o the written sequence	
4.	The	amendments have	resulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				





		the drawings,	sheets:
5.		This report has been considered to go bey	established as if (some of) the amendments had not been made, since they have beer and the disclosure as filed (Rule 70.2(c)):
		(Any replacement sh report.)	et containing such amendments must be referred to under item 1 and annexed to this
6.	Add	litional observations, if	necessary:
111.	Non	n-establishment of op	nion with regard to novelty, inventive step and industrial applicability
1.			claimed invention appears to be novel, to involve an inventive step (to be non- lly applicable have not been examined in respect of:
		the entire internationa	application.
	×	claims Nos. 20 and 2	with respect to industrial applicability.
be	caus	e:	
	×	the said international which does not require see separate sheet	pplication, or the said claims Nos. 20 and 21 relate to the following subject matter an international preliminary examination ( <i>specify</i> ):
		the description, claim that no meaningful op	or drawings (indicate particular elements below) or said claims Nos. are so unclear nion could be formed (specify):
		the claims, or said cla	ms Nos. are so inadequately supported by the description that no meaningful opinion
		no international searc	report has been established for the said claims Nos
2.	and/		oreliminary examination report cannot be carried out due to the failure of the nucleotide e listing to comply with the standard provided for in Annex C of the Administrative
		the written form has n	t been furnished or does not comply with the standard.
		the computer readable	form has not been furnished or does not comply with the standard.
<b>/</b> .			er Article 35(2) with regard to novelty, inventive step or industrial applicability; s supporting such statement
		ement	o depper any duon diatement
	Nove	elty (N)	Yes: Claims 1-21





No:

Claims Claims

Yes: No:

Claims 1-21

Industrial applicability (IA)

Inventive step (IS)

Yes:

Claims 1-19

No: Claims

2. Citations and explanations see separate sheet

#### VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet

#### VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

#### SECTION III

Claims 20 and 21 relate to medical uses considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(i) PCT).

#### SECTION V

- 2. CITATIONS AND EXPLANATIONS
- 2.1 The following document has been considered for the purposes of this report:
  - D1: WO 98/02457 (also cited in the application)

Document D1, which is considered to represent the most relevant state of the art, discloses immunogenic compositions that may be formulated as a vaccine, which contain an immunoeffective amount of the F, G and M proteins of respiratory syncytial virus (RSV), and at least one additional immunogen such as from influenza (emphasis added), which may be incorporated into the compositions as polyvalent (combination) vaccines (see the paragraph bridging pages 7-8 and the passage on page 15, lines 33-36 bridging over page 16, lines 1-6).

2.2 The arguments put forward by the Applicants in their letter dated 27.12.00, in reply to the written opinion dated 29.09.00, as well as the enclosures therein have been taken into consideration.

The subject-matter of the newly filed Claims 1 to 21 may now be regarded as formally novel over the relevant disclosures of D1 (see above). Thus, present Claims 1 to 21 would appear to meet the requirements of Art. 33(2) PCT.

However, it is not apparent on which grounds present Claims 1 to 21 should be regarded as inventive. In spite of the Applicants explanations, the teachings of D1 (see above) still appear to render obvious the subject-matter hereby claimed.



The technical problem underlying the present application relates to the provision of a multivalent immunogenic composition suitable for conferring protection in a host against disease caused by infection by RSV and influenza virus.

In order to solve the problem posed the present disclosure proposes the combination of (a) an immunoeffective amount of a mixture of purified fusion (F) protein, attachment (G) protein and matrix (M) protein of RSV and (b) an immunoeffective amount of a non-virulent influenza virus preparation.

According to the description a "surprising effect" associated with the hereby proposed combination of the aforementioned components (a) + (b) should be seen in the fact that, in the resulting multivalent immunogenic composition, no apparent detrimental effect in the immunogenicity of the individual components is detected, i.e. the combined vaccine formulation provides an immune response in the host which is substantially the same as the response obtained by administration of the components individually.

At the moment, no suitable evidence is available on the basis of which it should be assumed that, according to the general knowledge in the field, it would have been normally expected that the direct combination of the particular components (a) + (b) in a single formulation would have resulted in a detrimental effect on the immunogenicity of (any of) the individual components. Conversely, the corresponding teachings in the closest prior art D1 (see the paragraph bridging pages 7-8, which exemplifies 13 possible pathogen sources for the additional immunogen one of them being influenza) have to be seen both as a positive indication of the feasibility of the resulting immunogenic compositions and as an incentive to the skilled person to further develop the suggested polyvalent combination vaccines.

For this reason it is considered that, in order to provide a multivalent immunogenic composition suitable for conferring protection in a host against disease caused by infection by RSV and influenza virus, the skilled person, who did not have to overcome any technical prejudice, would have turned, at the relevant date of the present application, to the closest prior art document D1. In this way, according to

the straightforward indications found in D1, the skilled person would have arrived at a solution to the problem posed equivalent to the one hereby claimed, without having to exercise any inventive activity. In this regard, the fact that the present claims require that the influenza immunogen be a non-virulent influenza virus preparation, e.g. an influenza virus preparation rendered non-virulent by inactivation with formaldehyde (see page 8, lines 10-12 or page 11, lines 13-14), can only be seen as a matter of obvious choice, vis-à-vis the intended protective purposes of the resulting vaccine formulations.

Thus, contrary to the requirements of Article 33(3) PCT, no inventive contribution is recognisable in claiming the multivalent immunogenic compositions encompassed by present Claim 1, either as such (Claim 1) or when used as a vaccine (Claim 19). The same objection (Art. 33(3) PCT) applies to the method of immunizing a human host according to present Claim 20.

Dependent Claims 2-18 and 21 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step, as in the present technical context the preferred embodiments therein contemplated merely represent the choice of additional desirable vaccine components (Claims 2-4) or administration conditions (Claim 21), nature (Claims 6-10) and relative proportions (Claims 11-14) of the subcomponents in respect of the (a) component, which had been already described in D1 (see page 5, lines 23-35 bridging over page 6, lines 1-32), component ratios which in principle do not appear to result in any advantageous effect (Claim 5) or well known possible working options in respect of the (b) component (Claims 15-18), all of which would have come within the scope of the customary practice followed by persons skilled in the art.

#### 2.3 Industrial applicability (Art. 33(4) PCT)

For the assessment of the present Claims 1-19 and 20-21 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but



**EXAMINATION REPORT - SEPARATE SHEET** 

may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.

#### SECTION VII

The expression "herein incorporated by reference" in respect of prior art documents on page 1, lines 10-11; page 6, lines 10-11 and 14-15; page 7, lines 26-27 and page 15, line 14 leads to a doubt as to whether the requirements of the description being self-contained are satisfied (see PCT Guidelines C-II, 4-17).

#### SECTION VIII

1. Claim 1 does not meet the requirements of Article 6 PCT in that the matter for which protection is sought is not clearly defined. The claim attempts to define the multivalent immunogenic compositions of interest in terms of the result to be achieved, which merely amounts to a statement of the underlying problem. The functional characterization "... wherein the individual components (a) and (b) of the composition are formulated such that the immunogenicity of the individual components (a) and (b) is not impaired" does not enable the skilled person to determine which technical features are necessary to perform the stated functions.

The technical features necessary for achieving this intended result, i.e. the actual relative quantities of components (a) and (b) required to obtain an effective composition (e.g. those referred to in Example 4), should have been added.

The above deficiency affects mutatis mutandis the subject-matter of the claims dependent thereon (Claims 2-4, 6-10, 14-19) and appended thereto (Claims 20-21) respectively.

2. An additional objection equivalent to the foregoing (Art. 6 PCT) has to be raised against Claim 3, in which the constituting adjuvant of interest is also defined making use of relative functional terms.





24

## CLAIMS

What we claim is:

- 1. A multivalent immunogenic composition for conferring protection in a host against disease caused by infection by respiratory syncytial virus (RSV) and influenza virus, which comprises:
  - (a) an immunoeffective amount of a mixture of purified fusion (F) protein, attachment (G) protein and matrix (M) protein of RSV, and
  - (b) an immunoeffective amount of a non-virulent influenza virus preparation.

said immunogenic composition of being formulated as a vaccine for in vivo administration to the host wherein the individual components (a) and (b) of the composition are formulated such that the immunogenicity of the individual components (a) and (b) is not impaired.

- The immunogenic composition of claim 1 further comprising an adjuvant.
- 3. The immunogenic composition of claim 2 wherein said adjuvent imparts an enhanced immune response to RSV when compared to the mixture (a) formulated with the adjuvant in the absence of the non-virulent influenza virus preparation.
- 4. The immunogenic composition of claim 2 wherein the adjuvant is polydi(carboxylatophenoxy)-phosphazene (PCPP).
- 5. The immunogenic composition of claim 1 wherein said mixture (a) is present in an amount of about 10 to about 200 μg and (b) is present in an amount of about 1 to about 100 μg. in a single dose.
- 6. The immunogenic composition of claim 1 wherein said fusion (F) protein comprises multimeric fusion (F) proteins.
- 7. The immunogenic composition of claim 6 wherein, when analyzed under non-reducing conditions, said multimeric fusion (F) protein includes heterodimers of molecular weight approximately 70 kDs and dimeric and mimeric forms.
- 8. The immunogenic composition of claim 1 wherein, when analyzed under non-reducing conditions, said anachment (G) protein comprises G protein of molecular weight approximately 95 kDa and G protein of molecular weight approximately 55 kDa and oligometric G protein.





25

- 9. The immunogenic composition of claim 1 wherein, when analyzed by SDS-PAGE under non-reducing conditions, said matrix (M) protein comprises M protein of molecular weight approximately 28 to 34 kDs.
- 10. The immunogenic composition of claim 1 wherein, when analyzed by reduced SDS-PAGE analysis, said fusion (F) protein comprises an F<sub>1</sub> subunit of molecular weight approximately 48 kDs and an F<sub>2</sub> subunit of molecular weight approximately 23 kDs, said attachment (G) protein comprises a G protein of molecular weight approximately 95 kDs and a G protein of molecular weight approximately 55 kDs, and said matrix (M) protein comprises an M protein of approximately 31 kDs.
- 11. The immunogenic composition of claim 1 wherein said F, G and M proteins are present in mixture (a) in the relative proportions of:
  - F from about 35 to about 70 wt%
  - G from about 5 to about 30 wt%
  - M from about 10 to about 50 wt%
- 12. The immunogenic composition of claim 11 wherein, when analyzed by SDS-PAGE under reducing conditions and silver stained, the ratio of F<sub>1</sub> subunit of molecular weight approximately 48 kDa to F<sub>2</sub> subunit of molecular weight approximately 23 kDa is between 1:1 to about 2:1 as determined by scanning densitometry.
- 13. The immunogenic composition of claim 12 wherein said mixture is at least about 75% pure.
- 14. The immunogenic composition of claim 1 wherein said RSV proteins in said mixture are from one or both of subtypes RSV A and RSV B.
- 15. The immunogenic composition of claim 1 wherein said non-virulent influenza virus preparation comprises a plurality of different non-virulent influenza virus strains.
- 16. The immunogenic composition of claim 15 wherein said non-virulent influenza virus preparation is an inactivated influenza virus preparation.
- 17. The immunogenic composition of claim 15 wherein said non-virulent infleunza virus preparation comprises an attenuated influenza virus.
- 18. The immunogenic composition of claim 1 wherein said non-virulent influenza virus preparation comprises at least one influenza antigen.
- 19. The immunogenic composition of claim 1 when used as a vaccine.

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26

- A method of immunizing a human host against disease caused by infection by respiratory 20. syncytial virus (RSV) and by influenza virus, which comprises administering to the host an immunoeffective amount of the immunogenic composition of claim 1.
- The method of claim 20 wherein said host is a human host of at least 18 years of age. 21.

PATENT COOPERATION TREATY

RECEIVED

MAR 12 2001

SIM & MOBURNEY SUA HUGHES, ASHTON & NUCKAY

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

Stewart, Michael, T.
Sim & McBurney
330 University Avenue
6th Floor
Suite 600
Toronto, Ontario M5G 1R7
CANADA

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing

(day/month/year)

06.03.2001

Applicant's or agent's file reference

International application No.

PCT/CA99/01194

1038-998 MIS

International filing date (day/month/year)

16/12/1999

Priority date (day/month/year)

IMPORTANT NOTIFICATION

17/12/1998

Applicant

CONNAUGHT LABORATORIES LIMITED et al.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### 4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

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Authorized officer

Papiol Rovira, M

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# From the INTERNATIONAL SEARCHING AUTHORITY

To: Sim & McBurney

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT

Attn. Stewart, Michael, T. 330 University Avenue 6th Floor Toronto, Ontario M5G 1R7 CANADA	OR THE DECLARATION  (PCT Rule 44.1)
	Date of mailing (day/month/year) 27/07/2000
Applicant's or agent's file reference 1038-998 MIS	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/CA 99/01194	International filing date (day/month/year) 16/12/1999
Applicant	
CONNAUGHT LABORATORIES LIMITED et al.	

1.	וצ	The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.
,		Filling of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):
		When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.
		Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41–22) 740.14.35
		For more detailed instructions, see the notes on the accompanying sheet.
2.		The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3.		With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  the protest together with the decision thereon has been transmitted to the international Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
		no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
4.	Fur	ther action(s): The applicant is reminded of the following:
	lf D	orty after <b>18 months</b> from the priority date, the international application will be published by the International Bureau. the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the riority claim, must reach the International Bureau as provided in Rules 90 <i>bis</i> .1 and 90 <i>bis</i> .3, respectively, before the completion of the technical preparations for international publication.
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	h	hin 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase efore all designated Offices which have not been elected in the demand or in a later election within 19 months from the nority date or could not be elected because they are not bound by Chapter II.

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Applicant's or agent's file reference	FOR FURTHER see Notification of (Form PCT/ISA/2)	of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.			
1038-998 MIS International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/CA 99/01194 16/12/1999 17/12/1998					
Applicant					
CONNAUGHT LABORATORIES LI	MITED et al.	·			
This International Search Report has been according to Article 18. A copy is being to	en prepared by this International Searching Autansmitted to the International Bureau.	thority and is transmitted to the applicant			
This International Search Report consists  It is also accompanied by	s of a total of sheets.  y a copy of each prior art document cited in thi	s report.			
Basis of the report					
language in which it was filed, u	e international search was carried out on the balless otherwise indicated under this item.				
Authority (Rule 23.1(b)).	was carried out on the basis of a translation of	:			
was carried out on the basis of t	he sequence listing:	international application, the international search			
	ional application in written form. ternational application in computer readable fo	vrm.			
	to this Authority in written form.				
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the statement that the s	ubsequently furnished written sequence listing as filed has been furnished.	does not go beyond the disclosure in the			
		n is identical to the written sequence listing has been			
	ound unsearchable (See Box I).				
3. Unity of Invention is is	acking (see Box II).				
A 1100h are and he the AMIA		:			
4. With regard to the title,	submitted by the applicant.				
	lished by this Authority to read as follows:				
List to At the Desir date	•				
5. With regard to the abstract,					
the text is approved as	submitted by the applicant.	nority as it appears in Box III. The applicant may,			
the text has been established within one month from	blished, according to Hule 38.2(b), by this Add the date of mailing of this international search	report, submit comments to this Authority.			
6. The figure of the drawings to be po	ublished with the abstract is Figure No.				
as suggested by the ap	pplicant.	X None of the figures.			
	failed to suggest a figure.				
because this figure bet	ter characterizes the invention.				





#### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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A3

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17 December 1998 (17.12.98) US

(71) Applicant (for all designated States except US): CONNAUGHT LABORATORIES LIMITED [CA/CA]; 1755 Steeles Avenue, Toronto, Ontario M2R 3T4 (CA).

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- (74) Agent: STEWART, Michael, I.; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP. KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published

With international search report.

(88) Date of publication of the international search report: 26 October 2000 (26.10.00)

(54) Title: MULTIVALENT IMMUNOGENIC COMPOSITION CONTAINING RSV SUBUNIT COMPOSITION AND INFLUENZA VIRUS PREPARATION

#### (57) Abstract

Immunogenic compositions for administration to adults, particularly to the elderly, to protect them against disease caused by infection by respiratory syncytial virus and by influenza virus comprise an immunoeffective amount of a mixture of purified fusion (F) protein, attachment (G) protein and matrix (M) protein of RSV and an immunoeffective amount of a non-virulent influenza virus preparation. The components of the composition, when formulated as a vaccine for in vivo administration, do not impair the immunogenicity of each other. The immunogenic composition may also contain an adjuvant.

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International Application No PCT 99/01194

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116	,	MOTICARY	LJJ		

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K IPC 7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, CHEM ABS Data, WPI Data, EPO-Internal

Category °	ENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
Υ	WO 98 02457 A (CONNAUGHT LABORATORIES) 22 January 1998 (1998-01-22) the whole document	1-23
Y	WO 96 33738 A (VOLVOVITZ) 31 October 1996 (1996-10-31) examples 1,5	1-23
A	WO 95 34308 A (CONNAUGHT LABORATORIES) 21 December 1995 (1995-12-21) cited in the application the whole document	3,4
A	US 5 494 673 A (ANDRIANOV) 27 February 1996 (1996-02-27) examples 6,9	5

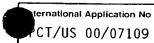
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20 July 2000  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	27/07/2000  Authorized officer  Skelly, J

nfor on patent family members

International Application No
PO 3 99/01194

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9802457 A	22-01-1998	US 6020182 A AU 716378 B	01-02-2000 24-02-2000
	•	AU 3431197 A	09-02-1998
		CA 2259594 A CN 1230197 A	22-01-1998 29-09-1999
		DE 942928 T	02-03-2000
		EP 0942928 A	22-09-1999
		ES 2141065 T	16-03-2000
		JP 2000501418 T	08-02-2000
WO 9633738 A	31-10-1996	US 5976552 A	02-11-1999
		AU 696690 B	17-09-1998 18-11-1996
		AU 5631296 A AU 9715898 A	04-03-1999
•		AU 9715898 A CA 2222283 A	31-10-1996
		EP 0830141 A	25-03-1998
WO 9534308 A	21-12-1995	AU 2667095 A	05-01-1996
		CA 2192659 A	21-12-1995
		EP 0765163 A	02-04-1997
		US 5837250 A	17-11-1998 
US 5494673 A	27-02-1996	US 5562909 A	08-10-1996
		AU 691824 B	28-05-1998
		AU 7326194 A	13-02-1995 30-04-1998
		AU 690567 B AU 7328694 A	13-02-1995
		BR 9407051 A	13-08-1996
•		BR 9407397 A	05-11-1996
		CA 2166208 A	26-01-1995
		CA 2167081 A	26-01-1995
		CN 1128953 A	14-08-1996
		CN 1128954 A	14-08-1996 08-05-1996
		EP 0710117 A EP 0792161 A	08-05-1996 03-09-1997
		EP 0792161 A JP 9500629 T	21-01-1997
		JP 9500132 T	07-01-1997
		NZ 269396 A	29-09-1999
		SG 46659 A	20-02-1998
•		WO 9502415 A	26-01-1995
		WO 9502628 A	26-01-1995
		WO 9502416 A	26-01-1995
		US 5529777 A	25-06-1996

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of Itest Steet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 21-23 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box il Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
The sectional Search Report
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report overs only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D217/18 C07D217/04 C07D217/20 C07D223/16 C07D209/44 C07D401/04 C07D401/06 C07D401/12 C07D405/04 A61K31/472 A61P35/00 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

WO 96 21656 A (PFIZER ;CAMERON KIMBERLY O (US); JARDINE PAUL A DASILVA (US); ROSA) 18 July 1996 (1996-07-18) cited in the application claims	1-44
WO 92 18498 A (PFIZER) 29 October 1992 (1992-10-29) claims	1-44
EP 0 842 661 A (PFIZER) 20 May 1998 (1998-05-20) claims	1-44
	(US); JARDINE PAUL A DASILVA (US); ROSA) 18 July 1996 (1996-07-18) cited in the application claims W0 92 18498 A (PFIZER) 29 October 1992 (1992-10-29) claims EP 0 842 661 A (PFIZER) 20 May 1998 (1998-05-20)

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
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Date of the actual completion of the international search	Date of mailing of the international search report
18 July 2000	27/07/2000
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 3402040, Tx. 31 651 epo nl, Fax: (+31-70) 3403016	Chouly, J

rmation on patent family members

CT/US 00/07109

APP 592 A 05-05 AU 700982 B 14-01 AU 4091696 A 18-07 BG 62256 B 30-06 BG 100278 A 31-05 BR 9600079 A 27-01 CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 SK 164895 A 07-05 TR 960693 A 21-08 BR 9205906 A 05-07 CZ 9203909 A 16-03 DE 69201559 D 06-04 DE 69201559 T 13-07 JP 8019121 B 28-02 US 5491234 A 13-02 FI 934565 A 15-10 JP 8019121 B 28-02 US 5491234 A 13-02 US 5491234 B 28-02 US 5491234 A 13-02 US 549123	ation te
AP 592 A 05-05 AU 700982 B 14-01 AU 4091696 A 18-07 BG 62256 B 30-06 BG 100278 A 31-05 BR 9600079 A 27-01 CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 960004 A 31-10 SK 164895 A 07-05 SG 47377 A 17-04 SI 960004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 SG 69201559 D 06-04 DE 69201559 T 13-07 JP 8019121 B 28-02 US 5491234 A 13-02 FI 934565 A 15-10 JP 8019121 B 28-02 US 5491234 A 13-02 US 5491234 A 13-02 SG AT 119157 T 15-03 AU 1776192 A 17-11 CA 2108561 A 18-10 CN 1065863 A 04-11 DE 9290039 U 09-12 DK 580753 T 03-07 ES 2068714 T 16-04 HU 65177 A 02-05 DK 580753 T 03-07 ES 2068714 T 16-04 HU 65177 A 02-05 DF 6501023 T 27-01 MX 9201763 A 01-10 MX 9201763	9-1996
AU 4091696 A 18-07 BG 62256 B 30-06 BG 100278 A 31-05 BR 9600079 A 27-01 CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 960004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08 BR 9205906 A 05-07 CZ 9203909 A 16-03 DE 69201559 D 06-04 DE 69201559 T 13-07 EP 0580753 A 02-02 FI 934565 A 15-10 GR 3015921 T 31-07 JP 8019121 B 28-02 US 5491234 A 13-02 US 5491234 A 13-02 AT 119157 T 15-03 AU 1776192 A 17-11 CA 2108561 A 18-10 CN 1065863 A 04-11 DE 9290039 U 09-12 US 580753 T 03-07 ES 2068714 T 16-04 HU 65177 A 02-05 IE 64915 B 20-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NX 242390 A 27-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NX 242390 A 27-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NO 933722 A 15-10 NY 242390 A 27-09 PT. 100386 A 30-06	5-1997
BG 62256 B 30-06 BG 100278 A 31-05 BR 9600079 A 27-01 CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 HU 9600056 A 28-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 SG 47377 A 77-04 SI 9600004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 SR 960893 A 21-08  WO 9218498 A 29-10-1992 AU 70-10 SK 164895 D 06-04 DE 69201559 D 06-04 DE 69201559 T 13-07 EP 0580753 A 02-02 FI 934565 A 15-10 GR 3015921 T 31-07 JP 8019121 B 28-02 US 5491234 A 13-02 AT 119157 T 15-03 AU 1776192 A 17-11 CA 2108561 A 18-10 CN 1065863 A 04-11 DE 9290039 U 09-12 DK 580753 T 03-07 ES 2068714 T 16-04 HU 65177 A 02-05 IE 64915 B 20-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NZ 242390 A 27-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10	1-1999
BG	7-1996
BR 9600079 A 27-01 CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 960055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 HU 9600056 A 28-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 BR 9205906 A 05-07 CZ 9203909 A 16-03 DE 69201559 D 06-04 DE 69201559 T 13-07 EP 0580753 A 02-02 FI 934565 A 15-10 GR 3015921 T 31-07 JP 8019121 B 28-02 US 5491234 A 13-02 AT 119157 T 15-03 AU 1776192 A 17-01 CA 2108561 A 18-10 CN 1065863 A 04-11 DE 9290039 U 09-12 DK 580753 T 03-07 ES 2068714 T 16-04 HU 65177 A 02-05 IE 64915 B 20-09 JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NZ 242390 A 27-09 PT 100386 A 30-06	6-1999
CA 2209925 A 18-07 CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 HU 960056 A 28-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 SG 47377 A 17-04 SI 960693 A 21-08	5-1996
CN 1136562 A 27-11 CZ 9600055 A 16-10 EP 0802910 A 29-10 FI 972903 A 08-07 HR 960010 A 31-12 HU 9600056 A 28-12 JP 2972347 B 08-11 JP 10503215 T 24-03 KR 190727 B 01-06 LV 11460 A,B 20-08 NO 960081 A 10-07 NZ 280792 A 24-11 PL 312182 A 22-07 RU 2130454 C 20-05 SG 47377 A 17-04 SI 9600004 A 31-10 SK 164895 A 07-05 TR 960693 A 21-08  WO 9218498 A 29-10-1992 AU 653601 B 06-10 SK 164895 A 07-05 TR 960693 A 21-08 BR 9205906 A 05-07 CZ 9203909 A 16-03 DE 69201559 D 06-04 DE 65201559 T 13-07 EP 0580753 A 02-02 FI 934565 A 15-10 GR 3015921 T 31-07 JP 8019121 B 28-02 US 5491234 A 13-02 AT 119157 T 15-03 AU 1776192 A 17-11 CA 2108561 A 18-10 CN 1065863 A 04-11 DE 9290039 U 09-12 DK 580753 T 03-07 ES 2068714 T 16-07 MX 9201763 A 01-10 MX 9201763 A 15-10 NZ 242390 A 27-09 PT 100386 A 30-06	1-1998
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JP 6501023 T 27-01 MX 9201763 A 01-10 NO 933722 A 15-10 NZ 242390 A 27-09 PT 100386 A 30-06	
MX 9201763 A 01-10 NO 933722 A 15-10 NZ 242390 A 27-09 PT 100386 A 30-06	
NO 933722 A 15-10 NZ 242390 A 27-09 PT 100386 A 30-06	
NZ 242390 A 27-09 PT 100386 A 30-06	
PT. 100386 A 30-06	
	5-1993
	0-1993
EP 0842661 A 20-05-1998 AU 4523797 A 21-05	 5 <del>-</del> 1998
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